

**IN THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A filter cartridge [[(1)]] with a filter material, comprising: a cartridge container [[(6)]] with a bottom wall [[(2)]] and a peripheral wall [[(3)]] and [[with]] a lid [[(10)]], which durably shuts the cartridge container [[(6)]], comprised of a lid bottom [[(11)]] and a strip-shaped lateral wall [[(16)]], with a form matching according to its border, which is fitted at the inner side of the peripheral wall [[(3)]], whereby [[that]] the lid bottom [[(11)]] merges with the lateral wall [[(16)]] in the direction of the peripheral wall [[(3)]] along an inward curved edge section [[(14)]], whereby the curved edge section [[(14)]] and the lateral wall [[(16)]] join in a common wall section [[(15)]], tapering inwards, in [[the]] a forming region area with the matching form.
2. (Currently Amended) The filter cartridge as claimed in claim 1, wherein the lateral wall [[(16)]] is connected with the curved edge section [[(14)]] tangentially.
3. (Currently Amended) The filter cartridge as claimed in claim 1, wherein the common wall section [[(15)]] forms [[the]] a lower wall section [[(18)]] of the lateral wall [[(16)]].
4. (Currently Amended) The filter cartridge according to claim 1, wherein the curved edge section [[(14)]] extends up to the inner end of the strip-shaped lateral wall [[(16)]].
5. (Currently Amended) The filter cartridge according to claim 1, wherein the curved edge section [[(14)]] has a mean edge radius of curvature R, which satisfies  $R \geq 5 \times S$ , whereby S indicates the thickness of the peripheral wall [[(3)]] of the cartridge container [[(6)]].

6. (Currently Amended) The filter cartridge according to claim 1, wherein the curved edge section [(14)] spans an angle  $\alpha$  from  $80^\circ$  to  $100^\circ$ .

7. (Currently Amended) The filter cartridge according to claim 1, wherein the lateral wall [(16)] has an upper wall section [(17)], which extends upward from the common wall section [(15)] at least up to height of the lid bottom [(11)].

8. (Currently Amended) The filter cartridge according to claim 7, wherein the upper wall section [(17)] of the lateral wall [(16)] and the curved edge section [(14)] border on their outer side forming a ring space [(5)] with a wedge-shaped cross section.

9. (Currently Amended) The filter cartridge according to claim 1, further comprising a back-up ring (20) is arranged on the lid [(10)].

10. (Currently Amended) The filter cartridge according to claim 9, wherein at least [(the)] a bottom contour of the back-up ring [(20)] is built such that it is complementary to [(the)] an outer contour of the lid [(10)].

11. (Currently Amended) The filter cartridge according to claim 9, wherein the back-up ring [(20)] does not fill [(the)] a wedge-shaped ring area [(5)] completely.

12. (Currently Amended) The filter cartridge according to claim 9, further comprising a slit-shaped recess [(30)] between the back-up ring [(20)] and a position [(14')] of the curved edge section [(14)] bordering on the common wall section [(15)].

13. (Currently Amended) The filter cartridge according to claim 1, wherein at least one section [(19)] of the common wall section [(15)] is laser welded with the peripheral wall [(3)].

14. (Currently Amended) The filter cartridge according to the claim 13, wherein the section **[(19)]** is glued or butt-welded with the peripheral wall **[(3)]**.

15. (Currently Amended) The filter cartridge according to claim 1, wherein the material of the cartridge container **[(6)]** is transparent to laser light and at least the material of the lateral wall **[(16)]** of the lid **[(10)]** is absorptive to laser light.

16. (Currently Amended) The filter cartridge as claimed in claim 2, wherein the common wall section **[(15)]** forms **[(the)]** a lower wall section **[(18)]** of the lateral wall **[(16)]**.

17. (Currently Amended) The filter cartridge according to claim 16, wherein the curved edge section **[(14)]** has a mean edge radius of curvature R, which satisfies  $R \geq 5 \times S$ , whereby S indicates the thickness of the peripheral wall **[(3)]** of the cartridge container **[(6)]**.

18. (Currently Amended) The filter cartridge according to claim 6, wherein the lateral wall **[(16)]** has an upper wall section **[(17)]**, which extends upward from the common wall section **[(15)]** at least up to height of the lid bottom **[(11)]**.

19. (Currently Amended) The filter cartridge according to claim 8, further comprising a back-up ring **[(20)]** arranged on the lid **[(10)]**.

20. (Currently Amended) The filter cartridge according to claim 12, wherein at least one section **[(19)]** of the common wall section **[(15)]** is laser welded with the peripheral wall **[(3)]**.